

ABSTRACT OF THE DISCLOSURE

[058] The present invention relates to structural braces. More particularly, the present invention relates to a brace apparatus that has an effective length capable of undergoing plastic deformation that is greater than the length of the brace apparatus. The brace apparatus has a first core member having a deformable region of an effective deformable length and a second core member having a deformable region of an effective deformable length. The total effective deformable length of the brace apparatus is the sum of the effective deformable length of the first core member and the second core member. This allows the brace apparatus to have a greater deformable length relative to the length and size of the brace. Additionally, the greater deformable length reduces the strain on the core members enabling the brace apparatus to undergo a greater amount of deformation for a larger number of total cycles without buckling the brace.

W:\15550\7\RB0000000021V001.doc

WORKMAN, NYDEGGER & SEELEY
A PROFESSIONAL CORPORATION
ATTORNEYS AT LAW
1000 EAGLE GATE TOWER
60 EAST SOUTH TEMPLE
SALT LAKE CITY, UTAH 84111